Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Empirical Formula Practice Problems**

*Complete in your notebook or on a separate sheet of paper.*

|  |  |  |  |
| --- | --- | --- | --- |
| Number | % of Element 1 | % Element 2 | % Element 3 |
| 1 | 25.9% N | 74.1% O |  |
| 2 | 30.45% N | 69.55% O |  |
| 3 | 11.21% H | 88.79% O |  |
| 4 | 50% S | 50% O |  |
| 5 | 63.52% Fe | 36.48% S |  |
| 6 | 26.56% K | 35.41% Cr | 38.03% O |
| 7 | 52.11% C | 13.14% H | 34.75% O |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Empirical Formula Practice Problems**

*Complete in your notebook or on a separate sheet of paper.*

|  |  |  |  |
| --- | --- | --- | --- |
| Number | % of Element 1 | % Element 2 | % Element 3 |
| 1 | 25.9% N | 74.1% O |  |
| 2 | 30.45% N | 69.55% O |  |
| 3 | 11.21% H | 88.79% O |  |
| 4 | 50% S | 50% O |  |
| 5 | 63.52% Fe | 36.48% S |  |
| 6 | 26.56% K | 35.41% Cr | 38.03% O |
| 7 | 52.11% C | 13.14% H | 34.75% O |